

IN THE CLAIMS:

Amend claim 1 as follows:

1. ((Amended)) A thermoplastic molding process comprising the steps of:

selecting a thermoplastic extrusion die for the extrusion of a thermoplastic slab, said extrusion die having a plurality of adjustable die gates [members] therein placed adjacent to each other and separately adjustable for varying the thickness of the extruded material in different parts of the extruded slab;

Q1 adjusting the thermoplastic extrusion die plurality of adjustable die gates for varying the thickness of the extruded material passing therethrough in different parts of the extruded slab to thereby vary the thickness across the thermoplastic materials being extruded;

heating a thermoplastic material to a fluid;

extruding a slab of said fluid thermoplastic material through said selected and adjusted thermoplastic extrusion die gates;

trimming said extruded thermoplastic slab having a variable thickness to a predetermined size;

placing said trimmed slab of heated thermoplastic material into a thermoforming mold; and

molding a predetermined thermoformed part in said mold, whereby a molded part is formed with a variable thickness from a slab of material heated during extrusion of the material.